

VVV	VVV	MMM	MMM	SSSSSSSSSSSS	LLL	IIIIIIII	BBBBBBBBBBBB	
VVV	VVV	MMM	MMM	SSSSSSSSSSSS	LLL	IIIIIIII	BBBBBBBBBBBB	
VVV	VVV	MMM	MMM	SSSSSSSSSSSS	LLL	IIIIIIII	BBBBBBBBBBBB	
VVV	VVV	MMMMMM	MMMMMM	SSS	LLL	III	BBB	BBB
VVV	VVV	MMMMMM	MMMMMM	SSS	LLL	III	BBB	BBB
VVV	VVV	MMMMMM	MMMMMM	SSS	LLL	III	BBB	BBB
VVV	VVV	MMM	MMM	SSS	LLL	III	BBB	BBB
VVV	VVV	MMM	MMM	SSS	LLL	III	BBB	BBB
VVV	VVV	MMM	MMM	SSS	LLL	III	BBB	BBB
VVV	VVV	MMM	MMM	SSSSSSSSS	LLL	III	BBBBBBBBBBBB	
VVV	VVV	MMM	MMM	SSSSSSSSS	LLL	III	BBBBBBBBBBBB	
VVV	VVV	MMM	MMM	SSSSSSSSS	LLL	III	BBBBBBBBBBBB	
VVV	VVV	MMM	MMM	SSS	LLL	III	BBB	BBB
VVV	VVV	MMM	MMM	SSS	LLL	III	BBB	BBB
VVV	VVV	MMM	MMM	SSS	LLL	III	BBB	BBB
VVV	VVV	MMM	MMM	SSS	LLL	III	BBB	BBB
VVV	VVV	MMM	MMM	SSS	LLL	III	BBB	BBB
VVV	VVV	MMM	MMM	SSS	LLL	III	BBB	BBB
VVV	VVV	MMM	MMM	SSS	LLL	III	BBB	BBB
VVV	VVV	MMM	MMM	SSSSSSSSSSS	LLLLLLLLLLLLLLLL	IIIIIIII	BBBBBBBBBBBB	
VVV	VVV	MMM	MMM	SSSSSSSSSSS	LLLLLLLLLLLLLLLL	IIIIIIII	BBBBBBBBBBBB	
VVV	VVV	MMM	MMM	SSSSSSSSSSS	LLLLLLLLLLLLLLLL	IIIIIIII	BBBBBBBBBBBB	

000000	PPPPPPPP	DDDDDDDD	EEEEEEEEEE	FFFFFFFFFF	
000000	PPPPPPPP	DDDDDDDD	EEEEEEEEEE	FFFFFFFFFF	
00	PP	DD	EE	FF	
00	PP	DD	EE	FF	
00	PP	DD	EE	FF	
00	PP	DD	EE	FF	
00	PPPPPPPP	DD	EEEEEEEE	FFFFFFFF	
00	PPPPPPPP	DD	EEEEEEEE	FFFFFFFF	
00	PP	DD	EE	FF	
00	PP	DD	EE	FF	
00	PP	DD	EE	FF	
00	PP	DD	EE	FF	
00	PP	DD	EE	FF	
000000	PP	DDDDDDDD	EEEEEEEEEE	FF	
000000	PP	DDDDDDDD	EEEEEEEEEE	FF	

SSSSSSSS	DDDDDDDD	LL
SSSSSSSS	DDDDDDDD	LL
SS	DD	DD
SS	DD	DD
SS	DD	DD
SS	DD	DD
SSSSSS	DD	DD
SSSSSS	DD	DD
	DD	DD
	DD	DD
	DD	DD
	DD	DD
	DD	DD
SSSSSSSS	DDDDDDDD	LLLLLLLLLL
SSSSSSSS	DDDDDDDD	LLLLLLLLLL

Version: 'V04-000'

COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS.
ALL RIGHTS RESERVED.

THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED
ONLY IN ACCORDANCE WITH THE TERMS OF SUCH LICENSE AND WITH THE
INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR ANY OTHER
COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY
OTHER PERSON. NO TITLE TO AND OWNERSHIP OF THE SOFTWARE IS HEREBY
TRANSFERRED.

THE INFORMATION IN THIS SOFTWARE IS SUBJECT TO CHANGE WITHOUT NOTICE
AND SHOULD NOT BE CONSTRUED AS A COMMITMENT BY DIGITAL EQUIPMENT
CORPORATION.

DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE OR RELIABILITY OF ITS
SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.

MODULE: OPDEF.MDL (This structure will eventually be moved to STARDEF)

FACILITY: Any component desiring opcode numerical equivalences

ABSTRACT:

This module defines a series of symbols of the form OP\$_opcode where
each symbol has a value equal to the numerical equivalent of
instruction "opcode".

HISTORY:

AUTHOR: Lawrence J. Kenah

CREATION DATE: 18 May 1981

MODIFICATIONS:

{ Instruction opcode numerical equivalences

{ This set of constant definitions allows tables to be built that contain
{ numerical equivalents for the instruction opcodes. Each symbol has a
{ prefix of OPS_ to insure that these symbols are not used in a context
{ for which they were not designed

{ NOTE: ALL OPCODE VALUES ARE IN HEXADECIMAL

module \$OPDEF;

```
constant HALT equals 0 prefix OP tag $;
constant NOP equals 1 prefix OP tag $;
constant REI equals 2 prefix OP tag $;
constant BPT equals 3 prefix OP tag $;
constant RET equals 4 prefix OP tag $;
constant RSB equals 5 prefix OP tag $;
constant LDPCTX equals 6 prefix OP tag $;
constant SVPCTX equals 7 prefix OP tag $;

constant CVTPS equals %X8 prefix OP tag $;
constant CVTSP equals %X9 prefix OP tag $;
constant INDEX equals %XA prefix OP tag $;
constant CRC equals %XB prefix OP tag $;
constant PROBER equals %XC prefix OP tag $;
constant PROBEW equals %XD prefix OP tag $;
constant INSQUE equals %XE prefix OP tag $;
constant REMQUE equals %XF prefix OP tag $;

constant BSBB equals %X10 prefix OP tag $;
constant BSB equals %X10 prefix OP tag $;
constant BRB equals %X11 prefix OP tag $;
constant BNEQ equals %X12 prefix OP tag $;
constant BNEQU equals %X12 prefix OP tag $;
constant BEQL equals %X13 prefix OP tag $;
constant BEQLU equals %X13 prefix OP tag $;
constant BGTR equals %X14 prefix OP tag $;
constant BLEQ equals %X15 prefix OP tag $;
constant JSB equals %X16 prefix OP tag $;
constant JMP equals %X17 prefix OP tag $;

constant BGEQ equals %X18 prefix OP tag $;
constant BLSS equals %X19 prefix OP tag $;
constant BGTRU equals %X1A prefix OP tag $;
constant BLEQU equals %X1B prefix OP tag $;
constant BVC equals %X1C prefix OP tag $;
constant BVS equals %X1D prefix OP tag $;
constant BGEQU equals %X1E prefix OP tag $;
constant BCC equals %X1E prefix OP tag $;
constant BLSSU equals %X1F prefix OP tag $;
constant BCS equals %X1F prefix OP tag $;

constant ADDP4 equals %X20 prefix OP tag $;
constant ADDP equals %X20 prefix OP tag $;
constant ADDP6 equals %X21 prefix OP tag $;
constant SUBP4 equals %X22 prefix OP tag $;
```


constant	SUBP	equals	%X22	prefix	OP	tag	\$;
constant	SUBP6	equals	%X23	prefix	OP	tag	\$;
constant	CVTPT	equals	%X24	prefix	OP	tag	\$;
constant	MULP	equals	%X25	prefix	OP	tag	\$;
constant	CVTTP	equals	%X26	prefix	OP	tag	\$;
constant	DIVP	equals	%X27	prefix	OP	tag	\$;
constant	MOVC3	equals	%X28	prefix	OP	tag	\$;
constant	MOVC	equals	%X28	prefix	OP	tag	\$;
constant	CMPC3	equals	%X29	prefix	OP	tag	\$;
constant	CMPC	equals	%X29	prefix	OP	tag	\$;
constant	SCANC	equals	%X2A	prefix	OP	tag	\$;
constant	SPANC	equals	%X2B	prefix	OP	tag	\$;
constant	MOVC5	equals	%X2C	prefix	OP	tag	\$;
constant	CMPC5	equals	%X2D	prefix	OP	tag	\$;
constant	MOVTC	equals	%X2E	prefix	OP	tag	\$;
constant	MOVTUC	equals	%X2F	prefix	OP	tag	\$;
constant	BSBW	equals	%X30	prefix	OP	tag	\$;
constant	BRW	equals	%X31	prefix	OP	tag	\$;
/*/*		BR,	%X31				
constant	CVTWL	equals	%X32	prefix	OP	tag	\$;
constant	CVTWB	equals	%X33	prefix	OP	tag	\$;
constant	MOVP	equals	%X34	prefix	OP	tag	\$;
constant	CMPP3	equals	%X35	prefix	OP	tag	\$;
constant	CMPP	equals	%X35	prefix	OP	tag	\$;
constant	CVTPL	equals	%X36	prefix	OP	tag	\$;
constant	CMPP4	equals	%X37	prefix	OP	tag	\$;
constant	EDITPC	equals	%X38	prefix	OP	tag	\$;
constant	MATCHC	equals	%X39	prefix	OP	tag	\$;
constant	LOCC	equals	%X3A	prefix	OP	tag	\$;
constant	SKPC	equals	%X3B	prefix	OP	tag	\$;
constant	MOVZWL	equals	%X3C	prefix	OP	tag	\$;
constant	ACBW	equals	%X3D	prefix	OP	tag	\$;
constant	MOVAW	equals	%X3E	prefix	OP	tag	\$;
constant	PUSHAW	equals	%X3F	prefix	OP	tag	\$;
constant	ADDF2	equals	%X40	prefix	OP	tag	\$;
constant	ADDF	equals	%X40	prefix	OP	tag	\$;
constant	ADDF3	equals	%X41	prefix	OP	tag	\$;
constant	SUBF2	equals	%X42	prefix	OP	tag	\$;
constant	SUBF	equals	%X42	prefix	OP	tag	\$;
constant	SUBF3	equals	%X43	prefix	OP	tag	\$;
constant	MULF2	equals	%X44	prefix	OP	tag	\$;
constant	MULF	equals	%X44	prefix	OP	tag	\$;
constant	MULF3	equals	%X45	prefix	OP	tag	\$;
constant	DIVF2	equals	%X46	prefix	OP	tag	\$;
constant	DIVF	equals	%X46	prefix	OP	tag	\$;
constant	DIVF3	equals	%X47	prefix	OP	tag	\$;
constant	CVTFB	equals	%X48	prefix	OP	tag	\$;
constant	CVTFW	equals	%X49	prefix	OP	tag	\$;
constant	CVTFL	equals	%X4A	prefix	OP	tag	\$;
constant	CVTRFL	equals	%X4B	prefix	OP	tag	\$;


```
constant CVTBF equals %X4C prefix OP tag $;
constant CVTWF equals %X4D prefix OP tag $;
constant CVTLF equals %X4E prefix OP tag $;
constant ACBF equals %X4F prefix OP tag $;

constant MOVF equals %X50 prefix OP tag $;
constant CMPF equals %X51 prefix OP tag $;
constant MNEGF equals %X52 prefix OP tag $;
constant TSTF equals %X53 prefix OP tag $;
constant EMODF equals %X54 prefix OP tag $;
constant POLYF equals %X55 prefix OP tag $;
constant CVTFD equals %X56 prefix OP tag $;
/* RESERVED 57

constant ADAWI equals %X58 prefix OP tag $;
/* RESERVED 59
/* RESERVED 5A
/* RESERVED 5B
constant INSQHI equals %X5C prefix OP tag $;
constant INSQTI equals %X5D prefix OP tag $;
constant REMQHI equals %X5E prefix OP tag $;
constant REMQTI equals %X5F prefix OP tag $;

constant ADDD2 equals %X60 prefix OP tag $;
constant ADDD equals %X60 prefix OP tag $;
constant ADDD3 equals %X61 prefix OP tag $;
constant SUBD2 equals %X62 prefix OP tag $;
constant SUBD equals %X62 prefix OP tag $;
constant SUBD3 equals %X63 prefix OP tag $;
constant MULD2 equals %X64 prefix OP tag $;
constant MULD equals %X64 prefix OP tag $;
constant MULD3 equals %X65 prefix OP tag $;
constant DIVD2 equals %X66 prefix OP tag $;
constant DIVD equals %X66 prefix OP tag $;
constant DIVD3 equals %X67 prefix OP tag $;

constant CVTDB equals %X68 prefix OP tag $;
constant CVTDW equals %X69 prefix OP tag $;
constant CVTDL equals %X6A prefix OP tag $;
constant CVTRDL equals %X6B prefix OP tag $;
constant CVTBD equals %X6C prefix OP tag $;
constant CVTWD equals %X6D prefix OP tag $;
constant CVTLD equals %X6E prefix OP tag $;
constant ACBD equals %X6F prefix OP tag $;

constant MOVD equals %X70 prefix OP tag $;
constant CMPD equals %X71 prefix OP tag $;
constant MNEGD equals %X72 prefix OP tag $;
constant TSTD equals %X73 prefix OP tag $;
constant EMODD equals %X74 prefix OP tag $;
constant POLYD equals %X75 prefix OP tag $;
constant CVTDF equals %X76 prefix OP tag $;
/* RESERVED 77

constant ASHL equals %X78 prefix OP tag $;
constant ASHQ equals %X79 prefix OP tag $;
```


constant	EMUL	equals	%X7A	prefix	OP	tag	\$:
constant	EDIV	equals	%X7B	prefix	OP	tag	\$:
constant	CLRD	equals	%X7C	prefix	OP	tag	\$:
constant	CLRD	equals	%X7C	prefix	OP	tag	\$:
constant	CLRG	equals	%X7C	prefix	OP	tag	\$:
constant	MOVQ	equals	%X7D	prefix	OP	tag	\$:
constant	MOVAQ	equals	%X7E	prefix	OP	tag	\$:
constant	MOVAD	equals	%X7E	prefix	OP	tag	\$:
constant	MOVAG	equals	%X7E	prefix	OP	tag	\$:
constant	PUSHAQ	equals	%X7F	prefix	OP	tag	\$:
constant	PUSHAD	equals	%X7F	prefix	OP	tag	\$:
constant	PUSHAG	equals	%X7F	prefix	OP	tag	\$:
constant	ADDB2	equals	%X80	prefix	OP	tag	\$:
constant	ADDB	equals	%X80	prefix	OP	tag	\$:
constant	ADDB3	equals	%X81	prefix	OP	tag	\$:
constant	SUBB2	equals	%X82	prefix	OP	tag	\$:
constant	SUBB	equals	%X82	prefix	OP	tag	\$:
constant	SUBB3	equals	%X83	prefix	OP	tag	\$:
constant	MULB2	equals	%X84	prefix	OP	tag	\$:
constant	MULB	equals	%X84	prefix	OP	tag	\$:
constant	MULB3	equals	%X85	prefix	OP	tag	\$:
constant	DIVB2	equals	%X86	prefix	OP	tag	\$:
constant	DIVB	equals	%X86	prefix	OP	tag	\$:
constant	DIVB3	equals	%X87	prefix	OP	tag	\$:
constant	BISB2	equals	%X88	prefix	OP	tag	\$:
constant	BISB	equals	%X88	prefix	OP	tag	\$:
constant	BISB3	equals	%X89	prefix	OP	tag	\$:
constant	BICB2	equals	%X8A	prefix	OP	tag	\$:
constant	BICB	equals	%X8A	prefix	OP	tag	\$:
constant	BICB3	equals	%X8B	prefix	OP	tag	\$:
constant	XORB2	equals	%X8C	prefix	OP	tag	\$:
constant	XORB	equals	%X8C	prefix	OP	tag	\$:
constant	XORB3	equals	%X8D	prefix	OP	tag	\$:
constant	MNEGB	equals	%X8E	prefix	OP	tag	\$:
constant	CASEB	equals	%X8F	prefix	OP	tag	\$:
constant	MOVB	equals	%X90	prefix	OP	tag	\$:
constant	CMPB	equals	%X91	prefix	OP	tag	\$:
constant	MCOMB	equals	%X92	prefix	OP	tag	\$:
constant	BITB	equals	%X93	prefix	OP	tag	\$:
constant	CLRB	equals	%X94	prefix	OP	tag	\$:
constant	TSTB	equals	%X95	prefix	OP	tag	\$:
constant	INCB	equals	%X96	prefix	OP	tag	\$:
constant	DECB	equals	%X97	prefix	OP	tag	\$:
constant	CVTBL	equals	%X98	prefix	OP	tag	\$:
constant	CVTBW	equals	%X99	prefix	OP	tag	\$:
constant	MOVZBL	equals	%X9A	prefix	OP	tag	\$:
constant	MOVZBW	equals	%X9B	prefix	OP	tag	\$:
constant	ROTL	equals	%X9C	prefix	OP	tag	\$:
constant	ACBB	equals	%X9D	prefix	OP	tag	\$:
constant	MOVAB	equals	%X9E	prefix	OP	tag	\$:
constant	PUSHAB	equals	%X9F	prefix	OP	tag	\$:

constant	ADDW2	equals	%XA0	prefix	OP	tag	\$:
constant	ADDW	equals	%XA0	prefix	OP	tag	\$:
constant	ADDW3	equals	%XA1	prefix	OP	tag	\$:
constant	SUBW2	equals	%XA2	prefix	OP	tag	\$:
constant	SUBW	equals	%XA2	prefix	OP	tag	\$:
constant	SUBW3	equals	%XA3	prefix	OP	tag	\$:
constant	MULW2	equals	%XA4	prefix	OP	tag	\$:
constant	MULW	equals	%XA4	prefix	OP	tag	\$:
constant	MULW3	equals	%XA5	prefix	OP	tag	\$:
constant	DIVW2	equals	%XA6	prefix	OP	tag	\$:
constant	DIVW	equals	%XA6	prefix	OP	tag	\$:
constant	DIVW3	equals	%XA7	prefix	OP	tag	\$:
constant	BISW2	equals	%XA8	prefix	OP	tag	\$:
constant	BISW	equals	%XA8	prefix	OP	tag	\$:
constant	BISW3	equals	%XA9	prefix	OP	tag	\$:
constant	BICW2	equals	%XAA	prefix	OP	tag	\$:
constant	BICW	equals	%XAA	prefix	OP	tag	\$:
constant	BICW3	equals	%XAB	prefix	OP	tag	\$:
constant	XORW2	equals	%XAC	prefix	OP	tag	\$:
constant	XORW	equals	%XAC	prefix	OP	tag	\$:
constant	XORW3	equals	%XAD	prefix	OP	tag	\$:
constant	MNEGW	equals	%XAE	prefix	OP	tag	\$:
constant	CASEW	equals	%XAF	prefix	OP	tag	\$:
constant	MOVW	equals	%XB0	prefix	OP	tag	\$:
constant	CMPW	equals	%XB1	prefix	OP	tag	\$:
constant	MCOW	equals	%XB2	prefix	OP	tag	\$:
constant	BITW	equals	%XB3	prefix	OP	tag	\$:
constant	CLRW	equals	%XB4	prefix	OP	tag	\$:
constant	TSTW	equals	%XB5	prefix	OP	tag	\$:
constant	INCW	equals	%XB6	prefix	OP	tag	\$:
constant	DECW	equals	%XB7	prefix	OP	tag	\$:
constant	BISPSW	equals	%XB8	prefix	OP	tag	\$:
constant	BICPSW	equals	%XB9	prefix	OP	tag	\$:
constant	POPR	equals	%XBA	prefix	OP	tag	\$:
constant	PUSHR	equals	%XBB	prefix	OP	tag	\$:
constant	CHMK	equals	%XBC	prefix	OP	tag	\$:
constant	CHME	equals	%XBD	prefix	OP	tag	\$:
constant	CHMS	equals	%XBE	prefix	OP	tag	\$:
constant	CHMU	equals	%XBF	prefix	OP	tag	\$:
constant	ADDL2	equals	%XC0	prefix	OP	tag	\$:
constant	ADDL	equals	%XC0	prefix	OP	tag	\$:
constant	ADDL3	equals	%XC1	prefix	OP	tag	\$:
constant	SUBL2	equals	%XC2	prefix	OP	tag	\$:
constant	SUBL	equals	%XC2	prefix	OP	tag	\$:
constant	SUBL3	equals	%XC3	prefix	OP	tag	\$:
constant	MULL2	equals	%XC4	prefix	OP	tag	\$:
constant	MULL	equals	%XC4	prefix	OP	tag	\$:
constant	MULL3	equals	%XC5	prefix	OP	tag	\$:
constant	DIVL2	equals	%XC6	prefix	OP	tag	\$:
constant	DIVL	equals	%XC6	prefix	OP	tag	\$:
constant	DIVL3	equals	%XC7	prefix	OP	tag	\$:


```
constant BISL2 equals %XC8 prefix OP tag $;
constant BISL equals %XC8 prefix OP tag $;
constant BISL3 equals %XC9 prefix OP tag $;
constant BICL2 equals %XCA prefix OP tag $;
constant BICL equals %XCA prefix OP tag $;
constant BICL3 equals %XCB prefix OP tag $;
constant XORL2 equals %XCC prefix OP tag $;
constant XORL equals %XCC prefix OP tag $;
constant XORL3 equals %XCD prefix OP tag $;
constant MNEGL equals %XCE prefix OP tag $;
constant CASEL equals %XCF prefix OP tag $;

constant MOVL equals %XD0 prefix OP tag $;
constant CMPL equals %XD1 prefix OP tag $;
constant MCOML equals %XD2 prefix OP tag $;
constant BITL equals %XD3 prefix OP tag $;
constant CLRL equals %XD4 prefix OP tag $;
constant CLRF equals %XD4 prefix OP tag $;
constant TSTL equals %XD5 prefix OP tag $;
constant INCL equals %XD6 prefix OP tag $;
constant DECL equals %XD7 prefix OP tag $;

constant ADWC equals %XD8 prefix OP tag $;
constant SBWC equals %XD9 prefix OP tag $;
constant MTPR equals %XDA prefix OP tag $;
constant MFPR equals %XDB prefix OP tag $;
constant MOVPSL equals %XDC prefix OP tag $;
constant PUSHL equals %XDD prefix OP tag $;
constant POPL equals %X8ED0 prefix OP tag $;
constant MOVAL equals %XDE prefix OP tag $;
constant MOVAF equals %XDE prefix OP tag $;
constant PUSHAL equals %XDF prefix OP tag $;
constant PUSHAF equals %XDF prefix OP tag $;

constant BBS equals %XE0 prefix OP tag $;
constant BBC equals %XE1 prefix OP tag $;
constant BBSS equals %XE2 prefix OP tag $;
constant BBBS equals %XE3 prefix OP tag $;
constant BBSC equals %XE4 prefix OP tag $;
constant BBCC equals %XE5 prefix OP tag $;
constant BBSSI equals %XE6 prefix OP tag $;
constant BBCCI equals %XE7 prefix OP tag $;

constant BLBS equals %XE8 prefix OP tag $;
constant BLBC equals %XE9 prefix OP tag $;
constant FFS equals %XEA prefix OP tag $;
constant FFC equals %XEB prefix OP tag $;
constant CMPV equals %XEC prefix OP tag $;
constant CMPZV equals %XED prefix OP tag $;
constant EXTV equals %XEE prefix OP tag $;
constant EXTZV equals %XEF prefix OP tag $;

constant INSV equals %XF0 prefix OP tag $;
constant ACBL equals %XF1 prefix OP tag $;
constant AOBLS equals %XF2 prefix OP tag $;
constant AOBLEQ equals %XF3 prefix OP tag $;
```



```
constant SOBGEQ equals %XF4 prefix OP tag $;
constant SOBGTR equals %XF5 prefix OP tag $;
constant CVTLB equals %XF6 prefix OP tag $;
constant CVTLW equals %XF7 prefix OP tag $;

constant ASHP equals %XF8 prefix OP tag $;
constant CVTLP equals %XF9 prefix OP tag $;
constant CALLG equals %XFA prefix OP tag $;
constant CALLS equals %XFB prefix OP tag $;
constant XFC equals %XFC prefix OP tag $;
constant ESCD equals %XFD prefix OP tag $;
constant ESCE equals %XFE prefix OP tag $;
constant ESCF equals %XFF prefix OP tag $;
constant BUGW equals %XFEFF prefix OP tag $;
constant BUGL equals %XFDFF prefix OP tag $;
constant CVTDH equals %X32FD prefix OP tag $;
constant CVTGF equals %X33FD prefix OP tag $;
constant ADDG2 equals %X40FD prefix OP tag $;
constant ADDG3 equals %X41FD prefix OP tag $;
constant SUBG2 equals %X42FD prefix OP tag $;
constant SUBG3 equals %X43FD prefix OP tag $;
constant MULG2 equals %X44FD prefix OP tag $;
constant MULG3 equals %X45FD prefix OP tag $;
constant DIVG2 equals %X46FD prefix OP tag $;
constant DIVG3 equals %X47FD prefix OP tag $;
constant ADDH2 equals %X60FD prefix OP tag $;
constant ADDH3 equals %X61FD prefix OP tag $;
constant SUBH2 equals %X62FD prefix OP tag $;
constant SUBH3 equals %X63FD prefix OP tag $;
constant MULH2 equals %X64FD prefix OP tag $;
constant MULH3 equals %X65FD prefix OP tag $;
constant DIVH2 equals %X66FD prefix OP tag $;
constant DIVH3 equals %X67FD prefix OP tag $;
constant CVTGB equals %X48FD prefix OP tag $;
constant CVTGW equals %X49FD prefix OP tag $;
constant CVTGL equals %X4AFD prefix OP tag $;
constant CVTRGL equals %X4BFD prefix OP tag $;
constant CVTBG equals %X4CFD prefix OP tag $;
constant CVTWG equals %X4DFD prefix OP tag $;
constant CVTLG equals %X4EFD prefix OP tag $;
constant ACBG equals %X4FFD prefix OP tag $;
constant CVTHB equals %X68FD prefix OP tag $;
constant CVTHW equals %X69FD prefix OP tag $;
constant CVTHL equals %X6AFD prefix OP tag $;
constant CVTRHL equals %X6BFD prefix OP tag $;
constant CVTBH equals %X6CFD prefix OP tag $;
constant CVTWH equals %X6DFD prefix OP tag $;
constant CVTLH equals %X6EFD prefix OP tag $;
constant ACBH equals %X6FFD prefix OP tag $;
constant MOVG equals %X50FD prefix OP tag $;
constant CMPG equals %X51FD prefix OP tag $;
constant MNEGG equals %X52FD prefix OP tag $;
constant TSTG equals %X53FD prefix OP tag $;
constant EMODG equals %X54FD prefix OP tag $;
constant POLYG equals %X55FD prefix OP tag $;
constant CVTGH equals %X56FD prefix OP tag $;
```



```
end_module $OPDEF;
```

1. 1. 1.

0433 AH-BT13A-SE
VAX/VMS V4.0

DIGITAL EQUIPMENT CORPORATION
CONFIDENTIAL AND PROPRIETARY

